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No.: CQC-C1103-2014

强制性产品认证实施细则
摩托车发动机

Detailed Rules for the Implementation of Compulsory Product Certification - Motorcycle Engine

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Foreword

Detailed Rules for the Implementation of Compulsory Product Certification - Motorcycle Engine (*the Detailed Rules*) is developed in accordance with *Rules for the Implementation of Compulsory Product Certification - Motorcycle Engine* (CNCA-C11-03: 2014) and relevant general implementation rules including *Rules for the Implementation of Compulsory Product Certification - Manufacturing Enterprise Classification Management, Certification Mode Selection and Determination* (CNCA-00C-003), *Rules for the Implementation of Compulsory Product Certification - Utilization of Testing Resources and Other Certification Results of Manufacturing Enterprises* (CNCA-00C-004), *Rules for the Implementation of Compulsory Product Certification - Requirements of Factory Quality Assurance Capacity* (CNCA-00C-005) and *Rules for the Implementation of Compulsory Product Certification - General Requirements for Factory Inspection* (CNCA-00C-006). *The Detailed Rules* is issued by China Quality Certification Center (CQC) and its copyright is held by CQC. Any organization or individual shall not use all or any part hereof in any way without the approval of CQC.

The Detailed Rules was amended firstly on January 5, 2017. The major amendments hereto are as follows:

1) The certification modes are adjusted two; 100% inspection for single certification of motorcycle engine is added;

2) The requirements on single certification are added for certification unit division;

3) The requirements specified in Attachment 2 and Attachment 3 are amended; the content relevant to GB 14622-2016 and GB 18176-2016 is added;

4) Attachment 7 "Requirements for Management of Single Motorcycle Engine Certification" is added.

The Detailed Rules was amended secondly on November 21, 2017. The major amendments hereto are as follows:

1) The requirements of GB 7258-2017 are added in Attachment 2 "Type Test Scheme of Motorcycle Engine"; the error in "the starting time shall not be greater than 15.0s" (starting performance) is amended;

2) The requirements of GB 7258-2017 are added in Attachment 3 "Standards and Items of Type Tests";

3) The requirements of GB 7258-2017 are added in Table 2 of Attachment 7 "Requirements for Management of Single Motorcycle Engine Certification".

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0 Introduction

The *Detailed Rules for the Implementation of Compulsory Product Certification - Motorcycle Engine* (hereinafter referred to as "*the Detailed Rules*") is developed in accordance with *Rules for the Implementation of Compulsory Product Certification - Motorcycle Engine* (CNCA-C11-03: 2014) (hereinafter referred to as "*the Rules*"); as the supportive documents for *the Rules*, it is applied together with *the Rules*.

In accordance with a series of implementation rules *Rules for the Implementation of Compulsory Product Certification - Manufacturing Enterprise Classification Management, Certification Mode Selection and Determination* (CNCA-00C-003), *Rules for the Implementation of Compulsory Product Certification - Utilization of Testing Resources and Other Certification Results of Manufacturing Enterprises* (CNCA-00C-004), *Rules for the Implementation of Compulsory Product Certification - Requirements of Factory Quality Assurance Capacity* (CNCA-00C-005) and *Rules for the Implementation of Compulsory Product Certification - General Requirements for Factory Inspection* (CNCA-00C-006) (hereinafter presented with the code hereof) as well as the relevant requirements of China Quality Certification Center (hereinafter referred to as "CQC") quality manuals, procedure documents, operation guides and other documents, *the Detailed Rules* is developed and issued with a view to maintaining the effectiveness of product certification, improving product quality, facilitating certification applicant enterprises and controlling certification risks.

The product coverage and certification standards that apply in *the Detailed Rules* are in accordance with the *relevant* requirements of *the Rules*, and adjusted according to the announcements on directory definition and adjustment issued by the Certification and Accreditation Administration of the People's Republic of China (hereinafter referred to as "CNCA").

1 Application Scope

The application scope of motorcycle engine products shall comply with Chapter 1 of *the Rules*.

2 Terms and Definitions

For purpose of *the Detailed Rules*, the terms and definitions about motorcycle engine product listed *Chapter* 2 of *the Rules* apply.

The terms and definitions relevant to certification listed in "Provisions on the Management of *Compulsory* Product Certification" and the implementation rules apply.

3 Certification Standards

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The certification standards listed in Attachment 1 "Items and Standards of Type Tests" to *the Rules* apply.

On principle, the certification standards shall be the latest editions hereof issued by the administrative department of national standardization. Where new applicable standards or new editions of standards are adopted, the announcement of CNCA for the requirements of *relevant applicable* standard or the technical resolutions made by the motorcycle and parts expert group (TC12) of CNCA shall apply.

4 Certification Mode

4.1 Certification Mode of Motorcycle Engine

The certification modes of *motorcycle* engine products comply with Chapter 4 of *the Rules*.

In accordance with the requirements of the rules for the implementation and CNCA-00C-003, CQC will conduct differentiated certification modes in the concrete implementation of type tests, *initial* factory inspections and post-certification follow-up inspections in consideration of production mode, business management level and product characteristics.

The basic certification modes are as follows:

Type test + initial factory inspection (inspection on enterprise quality assurance capacity and product conformity) + post-certification supervision.

The inspection on quality assurance capacity and product conformity of a motorcycle engine manufacturing enterprise shall be conducted according to the manufacture conformity inspection mode.

The post-certification supervision mode shall be one or combination of post-certification follow-up inspection, production or port site sampling testing / inspection, and market sampling testing / inspection. One or combination of the following modes may be adopted if necessary:

(1) Obtaining the actual test sample from market / production site samples;

(2) Conducting follow-up inspection without advance notice / unannounced inspection;

(3) Increasing the frequency of post-certification supervision;

(4) Adding the coverage of testing and inspection and raising the probability of nonconformity detection.

4.2 Single Certification Mode of Motorcycle Engine

Basic single certification mode: 100% inspection. It is applicable to the imported products for manufacturing and living consumption with a small batch which have not passed compulsory product certification due to special function or reason.

The corresponding detailed rules are established by the certification authority in accordance with the relevant policies and requirements of the country.

Note: ① The application scope of "special function or reason" refers to counter-terrorism security, disaster relief, emergency commanding, athletics, road test,

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country-level major production and construction project and end customer use (the import objective or use purpose indicated in the import permit issued by the commercial department must be "self use of organization or individual").

5 Certification Unit Division

The basis of unit division of motorcycle engine product shall comply with the requirements of Chapter 5 of *the Rules*.

The certification client proposes the certification entrustment according to the unit division principle, and CQC will confirm the certification entrustment unit division with the certification client upon verification on the related data.

Single certification product of motorcycle engine will not be subject to unit division, and it will be issued with certificate by model and engine number, a certificate for an engine.

6 Certification Entrustment

6.1 Proposal and Acceptance of Certification Entrustment

Certification entrustment and acceptance of motorcycle engine product shall comply with the requirements of 6.1 of the Rules.

The certification client shall submit the certification entrustment data in accordance with CQC certification process and requirements, and it shall be responsible for the authenticity and legality of the certification entrustment data submitted.

The certification entrustment will be rejected in case of one of the following circumstances:

(1) The scope of business does not cover the product to be certificated in the registration supporting documents of the certification client and/or the producer (manufacturing enterprise); the legal supporting document is deficient;

(2) The circumstances that the certification entrustment shall be rejected in according to other laws and regulations.

6.2 Certification Entrustment Data

The certification client shall submit the related certification entrustment data in accordance with Attachment 1 "List of Certification Entrustment Data" of *the Detailed Rules* after the certification entrustment intention is accepted.

At the first certification entrustment, the certification client shall submit all relevant certification data involved in Attachment 1 to *the Detailed Rules*, in which, the certification unit information in Item 3 shall be submitted together with each certification unit; the submission time of the execution report for the manufacture conformity control plan shall be in accordance with 7.5 of *the Detailed Rules*.

CQC will conduct the compliance verification on the certification entrustment data in accordance with the relevant review requirements after receipt of the available

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	blending			
3.6.3.1	Percentage	:		Applicable to two stroke
4.6	Transmission ratio			
4.6.1	Primary transmission ratio			
4.6.1.1	Forward gear	:		
4.6.2	Secondary transmission ratio			
4.6.2.1	1-gear	:		
4.6.2.2	2-gear	:		
4.6.2.3	3-gear	:		
4.6.2.4	4-gear	:		
4.6.2.5	5-gear	:		
4.6.2.6	6-gear	:		
4.6.2.7	7-gear	:		
4.6.2.8	Minimum continuously variable transmission ratio	:		
4.6.2.9	Maximum continuously variable transmission ratio	:		
4.6.2.10	Reverse gear	:		
4.6.3	Final transmission ratio			
4.6.3.1	Forward gear	:		

Attached Table 2 Items and Requirements for Single Motorcycle Engine Certification

S.N.	Inspection item	Inspection standard	Application scope					Description
			L1	L2	L3	L4	L5	
1	Mark	GB 7258-2017	√	√	√	√	√	
2	Starting performance	GB/T 5363-2008	√	√	√	√	√	
3	Idle performance	GB/T 5363-2008	√	√	√	√	√	
4	Idle emission	GB 14621-2011	√	√	√	√	√	
5	Maximum torque and maximum net power of engine	GB/T 20076-2006	—	—	—	—	—	

Notes:
(1) The test is for a complete engine, including air filters, exhaust silencers, ignition switches, starting switches, brake switches, rollover devices, oil supply control systems, ECUs, and all harnesses and related accessories necessary to ensure normal engine operation. If necessary, relevant drawings shall be provided;
(2) Idle emission will not be tested after July 1, 2018;
(3) Mark will be tested in accordance with GB 7258-2017 since January 1, 2018, and was tested in accordance with GB 7258-2012 before standard implementation.

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